

AMENDMENTS TO THE CLAIMS:

1. (Currently Amended) A ~~colour~~color electroluminescent-EL₁ (EL) display device comprising:

an array of pixels (11);

wherein:

wherein each pixel (11) comprises two separate sub-pixels for each (1) of two or more main colours; colors,

for at least one of the main colours, the pixels (11) comprise first sub-pixels (R₁, G₁, B₁) of the main colour a first separate sub-pixel comprising a first EL material and a second separate sub-pixel having the same color as the first separate sub-pixel sub-pixels (R₂, G₂, B₂) of the main colour comprising a second EL material;

wherein the first EL material is of a higher lifetime than the second EL material; and material,

the second EL material has a betterhigher colourcolor point and/or betterhigher colourcolor rendition properties than the first EL material; and

wherein the sub-pixels of the two or more main colors of the first EL material are arranged in a first row, and the sub pixels of the two or more main colors of the second EL material are arranged in a second row directly under the first row forming columns, wherein sub-pixels of a same main color are in a same column.

2. (Currently Amended) A display device according to claim 1, wherein each pixel (11) comprises a said first sub-pixel (R₁, G₁, B₁) of the main ~~colour~~color comprising a first EL material and a said second sub-pixel (R₂, G₂, B₂) of the main ~~colour~~color comprising a second EL material.

3. (Currently Amended) A display device according to claim 2, further comprising circuitry (12) arranged to drive the display device such that when a ~~colour~~color or ~~colour~~color hue to be displayed by the pixel can be provided with a sufficient ~~colour~~color contribution of the main ~~colour~~color of the first and second sub-pixels by driving the first sub-pixel (R₁, G₁, B₁) without driving the second sub-pixel (R₂, G₂, B₂), then the first

sub-pixel (R_{1s}, G_{1s}, B_{1s}) is driven but not the second sub-pixel (R_{2s}, G_{2s}, B_{2s}); and further arranged such that when the ~~colour~~ or ~~colour~~ hue to be displayed cannot be provided with a sufficient ~~colour~~ contribution of the main ~~colour~~ of the first and second sub-pixels by driving the first sub-pixel (R_{1s}, G_{1s}, B_{1s}) without driving the second sub-pixel (R_{2s}, G_{2s}, B_{2s}) then the second sub-pixel (R_{2s}, G_{2s}, B_{2s}) is driven.

4. **(Currently Amended)** A display device according to claim 3, wherein the driving circuitry (12) is arranged such that, when the ~~colour~~ or ~~colour~~ hue to be displayed cannot be provided with a sufficient ~~colour~~ contribution of the main ~~colour~~ of the first and second sub-pixels by driving the first sub-pixel (R_{1s}, G_{1s}, B_{1s}) without driving the second sub-pixel (R_{2s}, G_{2s}, B_{2s}), then the second sub-pixel (R_{2s}, G_{2s}, B_{2s}) is driven in addition to driving the first sub-pixel (R_{1s}, G_{1s}, B_{1s}).

5. **(Currently Amended)** A display device according to claim 3, wherein the driving circuitry (12) is arranged such that, when the ~~colour~~ or ~~colour~~ hue to be displayed cannot be provided with a sufficient ~~colour~~ contribution of the main ~~colour~~ of the first and second sub-pixels by driving the first sub-pixel (R_{1s}, G_{1s}, B_{1s}) without driving the second sub-pixel (R_{2s}, G_{2s}, B_{2s}), then the second sub-pixel (R_{2s}, G_{2s}, B_{2s}) is driven instead of driving the first sub-pixel (R_{1s}, G_{1s}, B_{1s}).

6. **(Currently Amended)** A display device according to claim 1, wherein, for each of the main ~~colours~~, the pixels comprise first sub-pixels (R_{1s}, G_{1s}, B_{1s}) of the main ~~colour~~ comprising a first EL material and second sub-pixels (R_{2s}, G_{2s}, B_{2s}) of the main ~~colour~~ comprising a second EL material;

the first EL material is of a higher lifetime than the second EL material; and

the second EL material has a ~~better~~ higher ~~colour~~ point and/or ~~better~~ higher ~~colour~~ rendition properties than the first EL material.

7. (**Currently Amended**) A display device according to claim 1, wherein, for only the main ~~colour~~color blue, the pixels comprise first blue sub-pixels (B_L) comprising a first EL material and second blue sub-pixels (B_C) comprising a second EL material;

the first EL material is of a higher lifetime than the second EL material; and

the second EL material has a ~~better~~higher ~~colour~~color point and/or ~~better~~higher ~~colour~~color rendition properties than the first EL material.

8. (**Currently Amended**) A display device according to claim 7—~~when dependent from claim 1~~, wherein some of the pixels comprise a said first blue sub-pixel (B_L) and not a said second blue sub-pixel (B_C); and the remaining pixels comprise a said second blue sub-pixel (B_C) and not a said first blue sub-pixel (B_L).

9. (**Currently Amended**) A display device according to claim 1, wherein the main ~~colours~~colors are red, green and blue.

10. (**Currently Amended**) A method of driving a ~~colour~~color electroluminescent, EL, display device, comprising:

determining whether a sufficient ~~colour~~color contribution to a ~~colour~~color hue to be displayed can be provided by a first sub-pixel (R_L, G_L, B_L) of a pair of ~~colour~~color sub-pixels of a ~~given same~~ ~~colour~~color, wherein the first sub-pixel (R_L, G_L, B_L) of the pair comprises a first EL material and the second sub-pixel (R_C, G_C, B_C) of the pair comprises a second EL material, the first EL material being of a higher lifetime than the second EL material, and the second EL material having ~~better~~higher ~~colour~~color points and/or ~~better~~higher ~~colour~~color rendition properties than the first EL material, wherein the first sub-pixel of the first EL material is arranged in a first row, and the second sub pixel of the second EL material is arranged in a second row directly under the first row, thereby forming a column of the same color;

if a sufficient ~~colour~~color contribution can be provided, driving the first sub-pixel (R_L, G_L, B_L) but not the second sub-pixel (R_C, G_C, B_C); and

if a sufficient ~~colour~~color contribution cannot be provided, driving the second sub-pixel (R_C, G_C, B_C).

11. **(Currently Amended)** A method according to claim 10, wherein, if a sufficient colourcolor cannot be provided, the step of driving the second sub-pixel (R_{G1}, G_{G1}, B_{G1}) is performed in addition to driving the first sub-pixel (R_{L1}, G_{L1}, B_{L1}) such that both the first and second sub-pixel make a colourcolor contribution to the colourcolor hue to be displayed.

12. **(Currently Amended)** A method according to claim 10, wherein, if a sufficient colourcolor cannot be provided, the step of driving the second sub-pixel (R_{G1}, G_{G1}, B_{G1}) is performed instead of driving the first sub-pixel (R_{L1}, G_{L1}, B_{L1}) such that the second sub-pixel (R_{G1}, G_{G1}, B_{G1}) makes a colourcolor contribution to the colourcolor hue to be displayed but the first sub-pixel (R_{L1}, G_{L1}, B_{L1}) does not make a contribution to the colourcolor hue to be displayed.

13. **(Currently Amended)** A display device according to claim 1, wherein the colourcolor of any pixel of the second sub-pixels is the same color as a pixel in the first sub-pixels.

14. **(Currently Amended)** A driver for a colourcolor electroluminescent (EL) display device, comprising:

a means for determining whether a sufficient colourcolor contribution to a colourcolor hue to be displayed can be provided by a first sub-pixel (R_{L1}, G_{L1}, B_{L1}) of a pair of colourcolor sub-pixels of a givesame colourcolor, wherein the first sub-pixel (R_{L1}, G_{L1}, B_{L1}) of the pair comprises a first EL material and the second sub-pixel (R_{G1}, G_{G1}, B_{G1}) of the pair comprises a second EL material, the first EL material being of a higher lifetime than the second EL material, and the second EL material having betterhigher colourcolor points and/or betterhigher colourcolor rendition properties than the first EL material, wherein the first sub-pixel of the first EL material is arranged in a first row, and the second sub pixel of the second EL material is arranged in a second row directly under the first row, thereby forming a column of the same color;

a means for driving the first sub-pixel (R_{L1}, G_{L1}, B_{L1}) but not the second sub-pixel

~~(R_C, G_C, B_C)~~ when a sufficient ~~colour~~ contribution can be provided by the first sub-pixel of a pair of ~~colour~~ sub-pixels of a ~~given~~ same color, and

a means for driving the second sub-pixel ~~(R_C, G_C, B_C)~~ when a sufficient ~~colour~~ contribution cannot be provided.